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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

28 JAN 2005.

		nt's file reference	FOR FURTHER AC	TION See Notification	on of Transmittal of International xamination Report (Form PCT/IPEA/416)
01-1748	1-U3-U	9 			
Internation			International filing date (d	day/month/year)	Priority date (day/month/year)
PCT/CZ	03/00	045	11.08.2003	*	13.08.2002
International Patent Classification (IPC) or both national classification and IPC AO1D34/68					
Applicant DVORA		oomir			
This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.					
2. Thi	2. This REPORT consists of a total of 4 sheets, including this cover sheet.				
×	This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).				
Th	These annexes consist of a total of 3 sheets.				
3. Th	is repo	rt contains indications r	elating to the following ite	ems:	
1	\boxtimes	Basis of the opinion			
11		Priority			
111		•	opinion with regard to n	ovelty, inventive step	and industrial applicability
IV		Lack of unity of inven	tion		
V	×	Reasoned statement		th regard to novelty, atement	inventive step or industrial applicability;
vi		Certain documents ci	ted		
VI	ı	Certain defects in the	international application	1	
vi	II 🗆	Certain observations	on the international appl	ication	
Date of submission of the demand Date of completion of this report		this report			
12.02.2004		20.08.2004			
Name and mailing address of the international preliminary examining authority:		Authorized Officer	Mark Palacego.		
prelimina	D.	nining authority: uropean Patent Office -80298 Munich el. +49 89 2399 - 0 Tx: 523 ax: +49 89 2399 - 4465	1656 epmu d	Bunn, D Telephone No. +49 8	9 2399-2086

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/CZ 03/00045

I.	Basis	of the	report
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Des	cription, Pages				
	1-24	ŀ	as originally filed			
	Clai	ms, Numbers				
	1-13	3	received on 03.05.2004 with letter of 03.05.2004			
	Dra	wings, Sheets				
	1/3-	3/3	as originally filed			
2.	With	n regard to the langu juage in which the int	age, all the elements marked above were available or furnished to this Authority in the ernational application was filed, unless otherwise indicated under this item.			
	The	se elements were ava	ailable or furnished to this Authority in the following language: , which is:			
		the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).				
		the language of publication of the international application (under Rule 48.3(b)).				
		the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).				
3.	With inte	n regard to any nucle rnational preliminary	ectide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:			
		Contained in the international application in written form.				
		filed together with the international application in computer readable form.				
		furnished subsequently to this Authority in written form.				
		furnished subsequently to this Authority in computer readable form.				
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.				
		The statement that t listing has been furn	he information recorded in computer readable form is identical to the written sequence ished.			
4.	The	amendments have r	esulted in the cancellation of:			
		the description,	pages:			
		the claims,	Nos.:			
		the drawings,	sheets:			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/CZ 03/00045

5. □	This report has been established as if (some of) the amendments had not been made, since they have
	been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N) Yes: Claims
No: Claims

1-13

Inventive step (IS)

Yes: Claims

1-13

Industrial applicability (IA)

No: Claims

Yes: Claims No: Claims 1-13

2. Citations and explanations

see separate sheet

V. Reasoned statement

- 1. Claim 1 is a combination of originally filed claims 1 & 2, wherein the word order of original claim 1 (corresponding to lines 1-12 of newly introduced claim 1) has been amended such that the feature "said travelling wheels" (I.5) is introduced without any previous mention thereof. In order to avoid clarity problems, the originally filed version of claim 1 is used in this communication.

 Furthermore, newly-filed claim 1 speaks of "a transmission disc (6) for travelling wheel (2) drive" (I.13-14) and "a transmission disc (7) for travelling wheel (2) turning" (I.16). In this respect it is noted that reference signs have no limiting effect upon the scope of a claim. To avoid ambiguity (cf. Article 6 PCT), it is suggested that said discs be designated as first and second transmission discs.
- 2. US-A-5 090 185 (D1) discloses a travelling device comprising a frame 20, flexibly suspended wheels 82 rotating on their vertical axes in an unlimited angular range of 360° as well as on their horizontal axes, a motor unit 12 with drive shaft 16, a working device 64, transmission discs 76 for travelling wheel turning girded by a transmission member 84 guided over a driving roller 86 (see, in particular, col.4, l.9-38). Wheel drive, on the other hand, is accomplished by means of a hydraulic motor 80 provided at each wheel 82.

 There is no prior art teaching for the differentiating features of claim 1 whereby
 - wheel drive is effected by means of transmission discs (6) connected with each wheel (2) by a transmission device (14), and wherein all discs are connected with moving off device (8) on drive shaft (13) by means of transmission members (9).
- 3. The following points are also to be noted:
 - a) Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in D1 is not mentioned in the description, nor is this document identified therein;
 - b) The description is not in conformity with the claims, Rule 5.1(a)(iii) PCT;
 - c) Claim 1 is not in two-part form, Rule 6.3(b) PCT, with those features known in combination from D1 forming the preamble and the remaining features forming the characterising part;
 - d) The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).



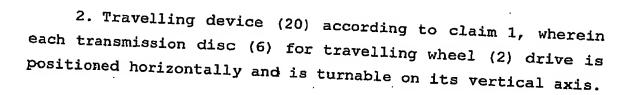
EP0 3909 95 ROTGZ 03 00045

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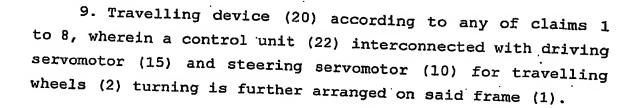
PCT/CZ2003/000045

Amended C L A I M s

1. Travelling device (20) particularly self-propelled mower, said travelling device (20) comprises a frame (1), wherein a motor unit (3) with a driving shaft (13) is arranged on said frame (1) for driving a working device and said travelling wheels (2), and said frame (1) is provided with several identical travelling units (21) arranged on its external circumference, 'each travelling unit (21) comprises a flexibly suspended travelling wheel (2) rotating on its horizontal and vertical axes, said travelling wheels (2) are arranged in said travelling units (21) turnably on. vertical axis an unlimited angular range of 360°, wherein each travelling unit (21) further comprises a transmission disc (6) for travelling wheel (2) drive connected with said travelling wheel (2) by means of a transmission device (14), a transmission disc (7) for travelling wheel (2) turning, wherein all transmission discs (6) for travelling wheel (2) drive are connected with a moving off device (8), arranged on said driving shaft (13), by means of transmission members (9) travelling wheel (2) drive, and all transmission discs (7) for travelling wheel (2) turning are girded by a transmission member (12) for travelling wheels (2) turning guided over a driving roller (11).



- 3. Travelling device (20) according to claim 1, wherein each transmission disc (7) for travelling wheel (2) turning is positioned horizontally and is turnable on its vertical axis.
- 4. Travelling device (20) according to any of claims 1 to 3, wherein said transmission member (9) for travelling wheel (2) drive comprises an endless flexible member.
- 5. Travelling device (20) according to any of claims 1 to 3, wherein said transmission member (12) for travelling wheel (2) turning comprises an endless flexible member.
- 6. Travelling device (20) according to any of claims 1 to 3, wherein said transmission member (12) for travelling wheel (2) turning comprises gears.
- 7. Travelling device (20) according to any of claims 1 to 3, wherein said transmission member (12) for travelling wheel (2) turning comprises Cardan shafts.
- 8. Travelling device (20) according to any of claims 1 to 7, wherein auxiliary guide rollers (11a) for guiding transmission member (12) for travelling wheels (2) turning are further arranged on said frame (1).



- 10. Travelling device (20) according to claim 9, wherein said control unit (22) is remote-controlled.
- 11. Travelling device (20) according to claim 10, wherein said control unit (22) is remote-controlled by means of transmitter (23) for transmitting radio signals or optical signals.
- 12. Travelling device (20) according to any of claims 1 to 9, wherein a seat and a control panel are arranged on said frame (1).
- 13. Travelling device (20) according to any of claims 1 to 12, wherein said travelling units (21) are particularly four.